

09/773211

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Pramod Joisha et al.

Examiner: Kang, Insun

Patent No.: 7,086,040

Group Art Unit: 2193

Issue Date: August 1, 2006

Docket No: 020-005

Title: Method for Array Shape Inference for a Class of Functions in MATLAB

Attn: Certificate of Correction Branch

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Certificate
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of Correction

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- ☒ Request for Certificate of Correction (1 pg.).
- ☒ Certificate of Correction Form - PTO-1050 (3 pgs in duplicate)
- ☒ A return postcard.

Please charge any additional fees or credit overpayment to Deposit Account No. 50-2823

Customer Number: 37911

Date: February 8, 2007

Respectfully Submitted,

Deepti Panchawagh-Jain

Deepti Panchawagh-Jain
Attorney Reg. No. 43,846

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Christine Hartness

Signature

Christine Hartness

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IN UNITED STATES PATENT AND TRADEMARK OFFICE

Patent No.: 7,086,040 Docket No: 020-005
Issue Date: August 1, 2006 Patentee: Pramod Joisha et al.
Title Method for Array Shape Inference for a Class of Functions in MATLAB

REQUEST FOR CERTIFICATION OF CORRECTION**Attn: Certificate of Correction Branch**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

It is requested that a Certificate of Correction be issued correcting printing errors appearing in the above-identified United States patent. Two copies of the text of the Certificate in the suggested form are enclosed.

Issuance of the Certificate of Correction would neither expand nor contract the scope of the claims as properly allowed, and re-examination is not required.

As the error is that of the Patent Office, it is believed that no fee is due.

The Examiner is authorized to charge any additional fees or credit overpayment to Deposit Account No. **50-2823**

Date: February 8, 2007

Respectfully Submitted,

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Deepti Panchawagh-Jain

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UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 7,086,040

Page 1 of (3)

DATED : August 1, 2006

INVENTOR(S) : Joisha et al.

It is certified that errors appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On Sheet 1 of 5, in FIG. 1, below "FIG. 1" insert -- (Prior Art) --.

On Sheet 4 of 5, in FIG. 5 (Col. 2, Row 6), delete " $\rightarrow \theta$ " and insert -- $\rightarrow \theta$ --, therefor.

In column 1, line 26, delete "Math Works," and insert -- MathWorks, --, therefor.

In column 3, line 41, delete " p_i " and insert -- p_i --, therefor.

In column 4, line 66, delete " $\pi^*.III$ " and insert -- $\pi^*. III$ --, therefor.

In column 5 (Eq. 5), line 31, delete "scalar," and insert -- matrix, --, therefor.

In columns 5-6 (Eq. 11), lines 55-56, delete " $u = (1 - \bar{\theta}(c))\pi^* + \bar{\theta}(c)(s^* \bar{\alpha}(b) + t^* \bar{\alpha}(a)(1 - \bar{\alpha}(b)) + (s^* \Gamma_1 + t^* \Gamma_2 + I - \Gamma_1 - \Gamma_2)(1 - \bar{\alpha}(a))(1 - \bar{\alpha}(b)))$," and insert --

$$u = (1 - \bar{\theta}(c))\pi^* + \bar{\theta}(c)(s^* \bar{\alpha}(b) + t^* \bar{\alpha}(a)(1 - \bar{\alpha}(b)) + (s^* \Gamma_1 + t^* \Gamma_2 + I - \Gamma_1 - \Gamma_2)(1 - \bar{\alpha}(a))(1 - \bar{\alpha}(b)))$$

--, therefor.

In column 6 (Eq. 12), lines 62-63, delete " $\delta(r_1, r_2, \dots, r_m)$ " and insert -- $\delta(\langle r_1, r_2, \dots, r_m \rangle)$ --, therefor.

In column 7, line 13, delete "where" and insert the same on line 14.

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In column 7, line 15, delete " $p_1(1-\overline{x})(a)$ " and insert -- $p_1(1-\overline{x}(a))$ --, therefor.

In column 7, line 16, delete " $q_2(1-\overline{x})(a)$ " and insert -- $q_2(1 - \overline{x}(a))$ --, therefor.

In column 7, line 17, delete " $+(1-\overline{x})(a)$ " and insert -- $+(1-\overline{x}(a))$ --, therefor.

In column 8, line 20, after "simpler" insert -- \otimes --.

In column 8 (Eg:1.1), line 51, delete " $u=st$," and insert -- $u = s \oplus t$, --, therefor.

In column 8 (Eg:1.2), line 53, delete " $v=ut$," and insert -- $v = u \oplus t$. --, therefor.

In column 8, line 59, delete " $v=(st)t$," and insert -- $v = (s \oplus t) \oplus t$. --, therefor.

In column 8, line 61, after "FIG. 6," insert -- \otimes --.

In column 8, line 63, delete " $v=s(tt)$," and insert -- $v = s \oplus (t \oplus t)$. --, therefor.

In column 8, line 64, after "FIG. 6," insert -- \otimes also --.

In column 8 (Eg:1.3), line 67, delete " $v=st$," and insert -- $v = s \oplus t$. --, therefor.

In column 9 (Eg:2.1), line 33, delete " $u_1=s_{i-1}t$ " and insert -- $u_i = s_{i-1} \oplus t$ --, therefor.

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In column 9, line 35, delete "u_i" and insert - - u_i - -, therefor.

In column 9, line 35, delete "s_i" and insert - - s_i - -, therefor.

In column 9, line 36, delete "(i>1)" and insert - - (i≥1) - -, therefor.

In column 9 (Eg:2.2), line 39, delete "s_i=u_i" and insert - - s_i= u_i - -, therefor.

In column 9, line 44, delete "s_i=s_{i-1}t." and insert - - s_i = s_{i-1} ⊕ t. - -, therefor.

In column 9, line 45, delete "∴ s_i=(s_{i-2}Ot)t." and insert - - ∴ s_i = (s_{i-2} ⊕ t) ⊕ t. - -, therefor.

In column 9, line 47, after "FIG. 6," insert - - ⊗ - -.

In column 9, line 49, delete "s_i=s_{i-2}(tt)." and insert - - s_i = s_{i-2} ⊕ (t ⊕ t). - -, therefor.

In column 9, line 53, delete "s_i=s_{i-2}t." and insert - - s_i = s_{i-2} ⊕ t. - -, therefor.

In column 9 (Eg:2.3), line 56, delete "s_i=s₀t" and insert - - s_i = s₀ ⊕ t - -, therefor.


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$$u = (1 - \bar{\theta}(c))\pi^* + \bar{\theta}(c)(s * \bar{\alpha}(b) + t * \bar{\alpha}(a)(1 - \bar{\alpha}(b)) + (s * \Gamma_1 + t * \Gamma_2 + 1 - \Gamma_1 - \Gamma_2)(1 - \bar{\alpha}(a))(1 - \bar{\alpha}(b)))$$

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